

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111722\
 Data File : VX032901.D
 Acq On : 17 Nov 2022 15:39
 Operator : JC/MD
 Sample : N5671-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D-20221115

Quant Time: Nov 18 01:41:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

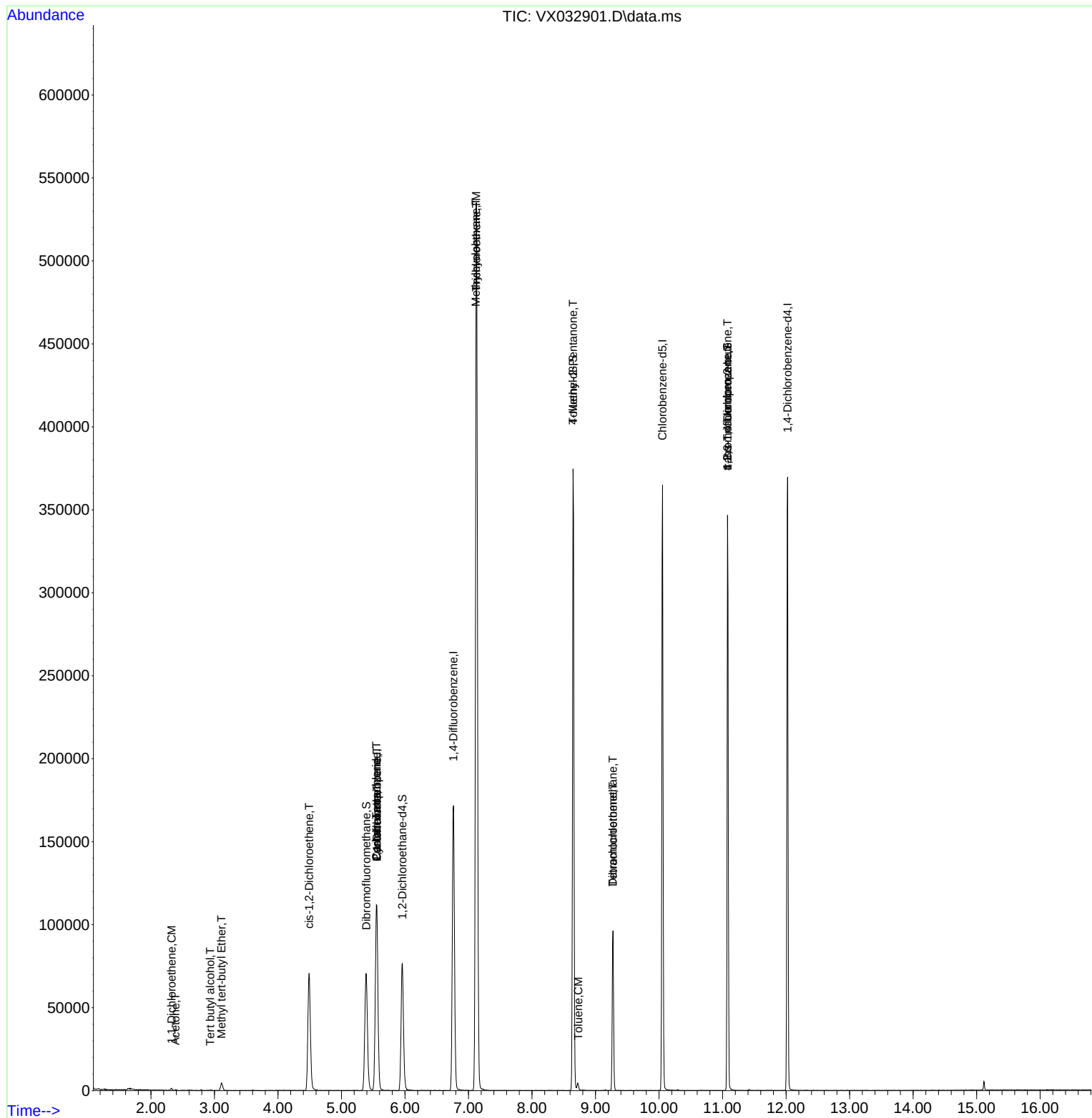
Internal Standards						
1) Pentafluorobenzene	5.556	168	107635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	177495	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	159122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77379	51.739	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.480%
35) Dibromofluoromethane	5.391	113	61049	48.219	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.440%
50) Toluene-d8	8.647	98	220071	49.988	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.980%
62) 4-Bromofluorobenzene	11.079	95	86842	50.498	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.000%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	141	0.648	ug/l #	72
12) 1,1-Dichloroethene	2.325	96	478	0.443	ug/l	86
16) Acetone	2.386	43	390	0.717	ug/l #	82
19) Methyl tert-butyl Ether	3.111	73	4841	1.276	ug/l #	87
27) cis-1,2-Dichloroethene	4.489	96	45522	33.518	ug/l	89
31) Cyclohexane	5.556	56	2206	1.217	ug/l #	13
36) 1,1-Dichloropropene	5.556	75	8520	4.832	ug/l #	49
38) Carbon Tetrachloride	5.550	117	11458	5.859	ug/l #	14
39) Methylcyclohexane	7.117	83	2319	1.112	ug/l #	1
44) Trichloroethene	7.123	130	203581	144.948	ug/l	96
51) 4-Methyl-2-Pentanone	8.647	43	1015	0.572	ug/l #	1
52) Toluene	8.726	92	1722	0.529	ug/l	99
60) Dibromochloromethane	9.275	129	17005	11.357	ug/l #	11
64) Tetrachloroethene	9.275	164	17173	14.745	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	47312	27.727	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	47312	88.228	ug/l #	6

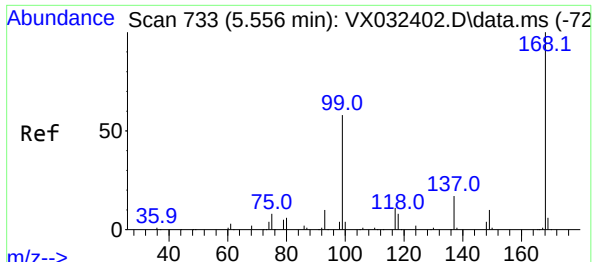
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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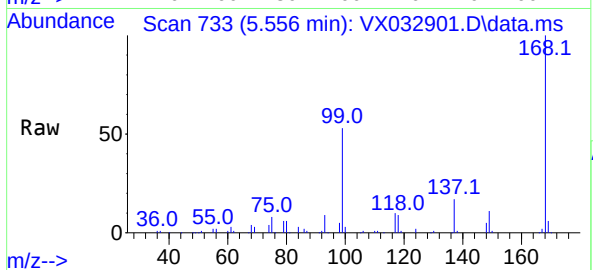
Quant Time: Nov 18 01:41:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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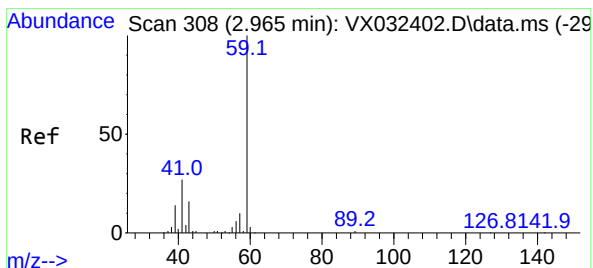
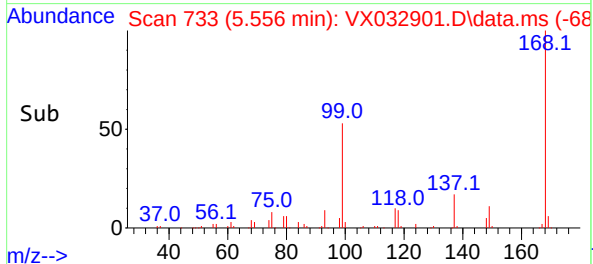
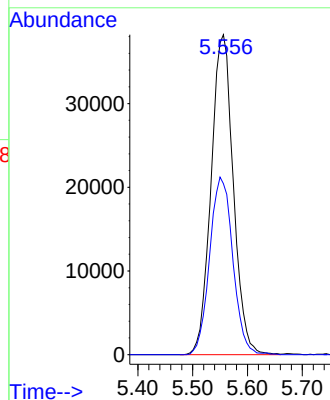


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032901.D
Acq: 17 Nov 2022 15:39

Instrument :
MSVOA_X
ClientSampleId :
MW179D-20221115

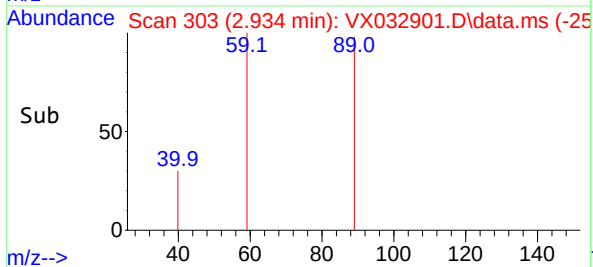
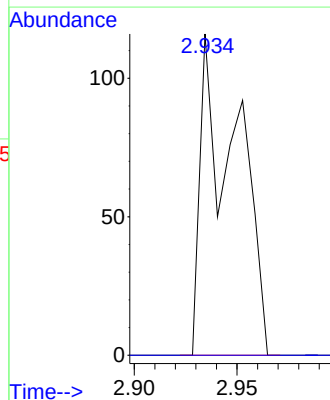
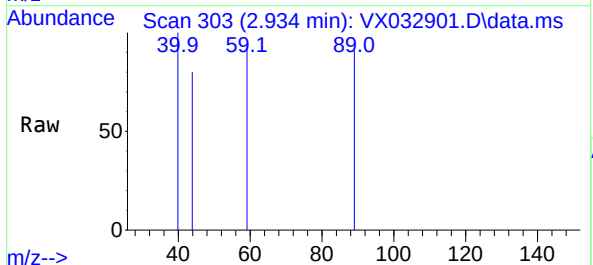


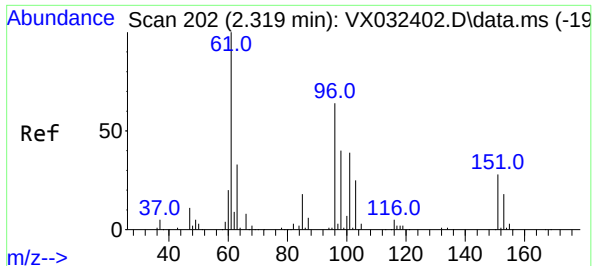
Tgt Ion:168 Resp: 107635
Ion Ratio Lower Upper
168 100
99 53.4 46.1 69.1



#11
Tert butyl alcohol
Concen: 0.648 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.030 min
Lab File: VX032901.D
Acq: 17 Nov 2022 15:39

Tgt Ion: 59 Resp: 141
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

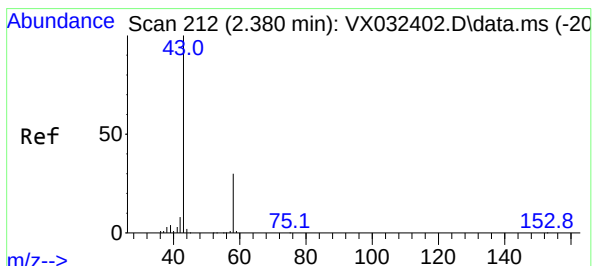
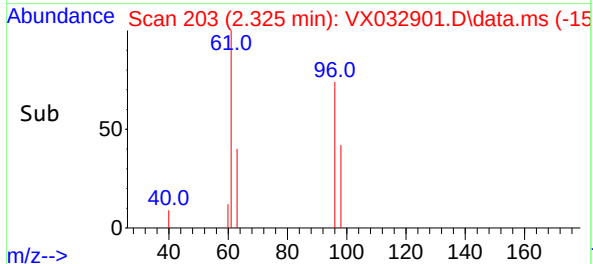
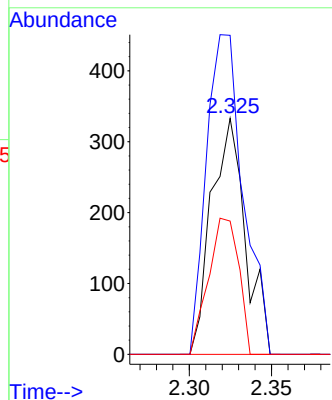
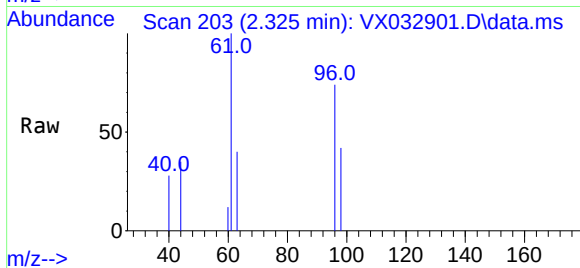




#12
1,1-Dichloroethene
Concen: 0.443 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX032901.D
Acq: 17 Nov 2022 15:39

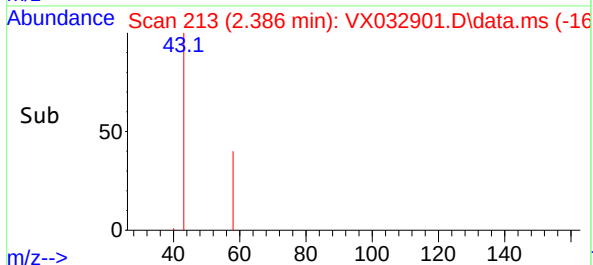
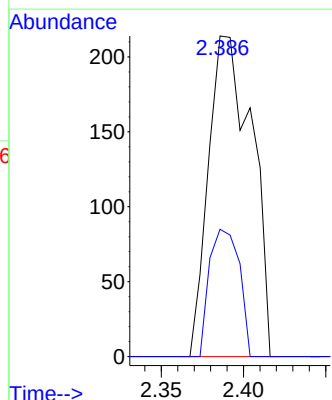
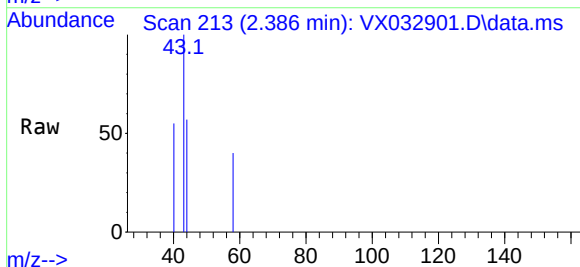
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20221115

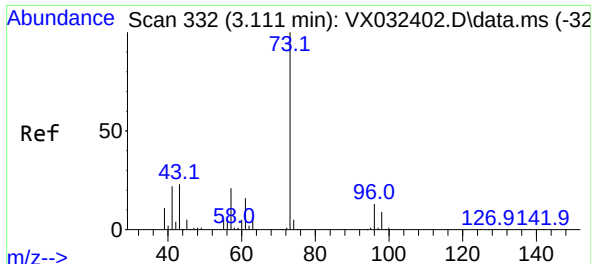
Tgt Ion: 96 Resp: 478
Ion Ratio Lower Upper
96 100
61 135.1 125.1 187.7
98 56.5 50.6 76.0



#16
Acetone
Concen: 0.717 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032901.D
Acq: 17 Nov 2022 15:39

Tgt Ion: 43 Resp: 390
Ion Ratio Lower Upper
43 100
58 39.7 23.8 35.8#

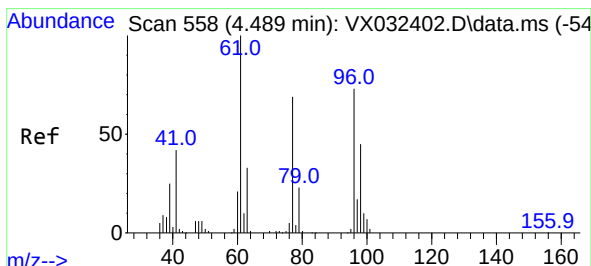
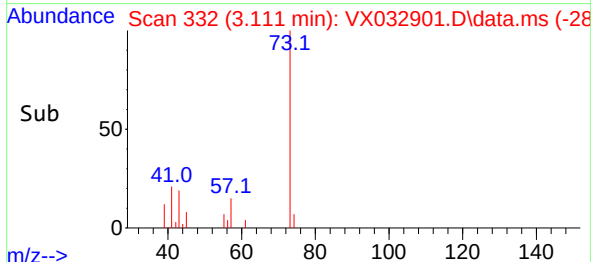
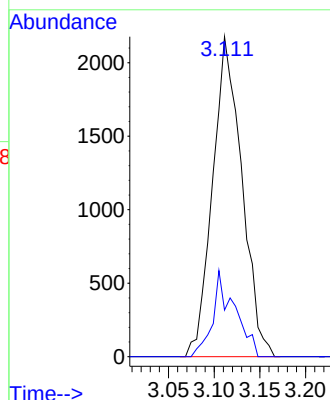
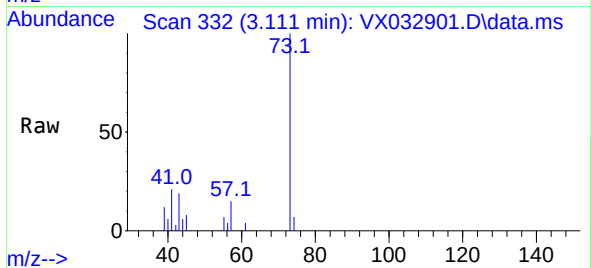




#19
Methyl tert-butyl Ether
Concen: 1.276 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX032901.D
Acq: 17 Nov 2022 15:39

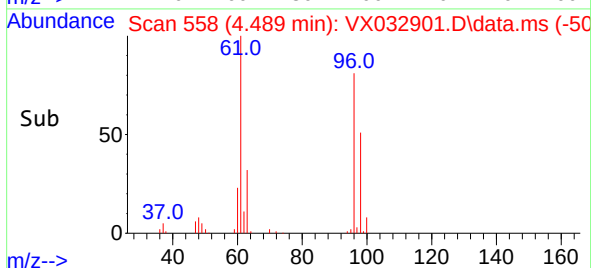
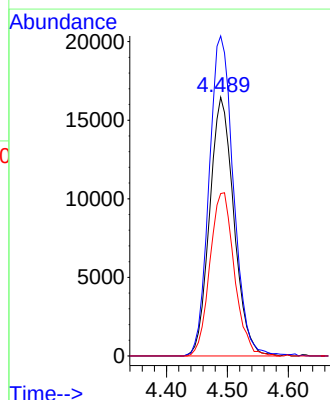
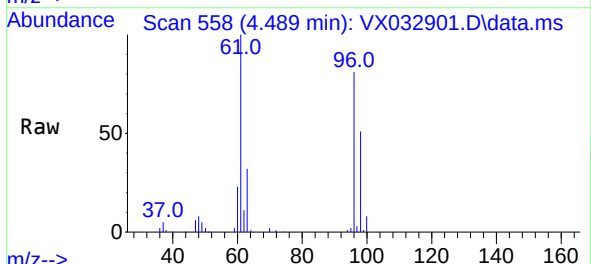
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20221115

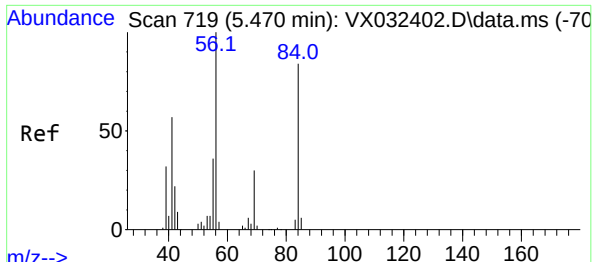
Tgt Ion: 73 Resp: 4841
Ion Ratio Lower Upper
73 100
57 14.6 16.6 25.0#



#27
cis-1,2-Dichloroethene
Concen: 33.518 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX032901.D
Acq: 17 Nov 2022 15:39

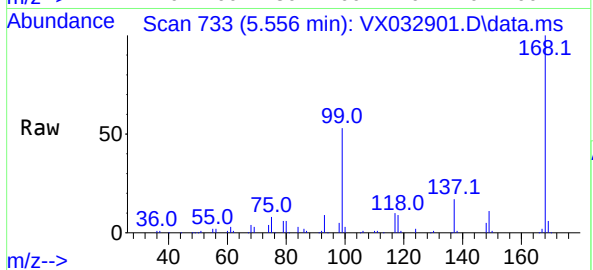
Tgt Ion: 96 Resp: 45522
Ion Ratio Lower Upper
96 100
61 124.5 0.0 286.0
98 63.7 0.0 129.6



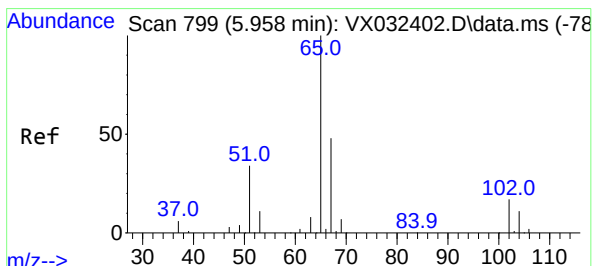
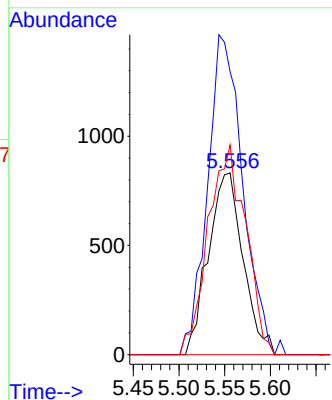
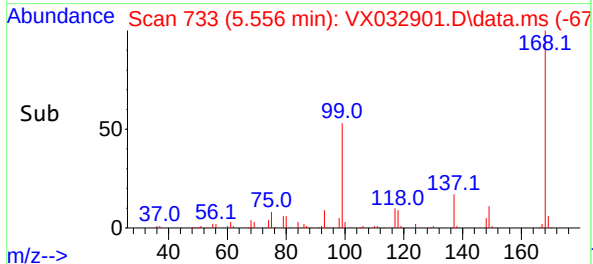


#31
Cyclohexane
Concen: 1.217 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX032901.D
Acq: 17 Nov 2022 15:39

Instrument :
MSVOA_X
ClientSampleId :
MW179D-20221115

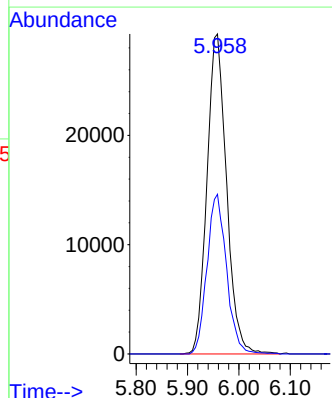
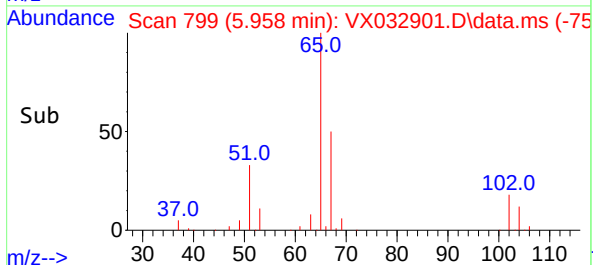
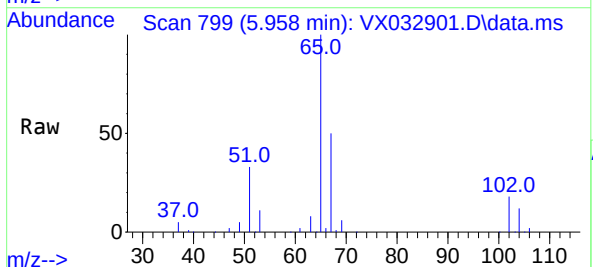


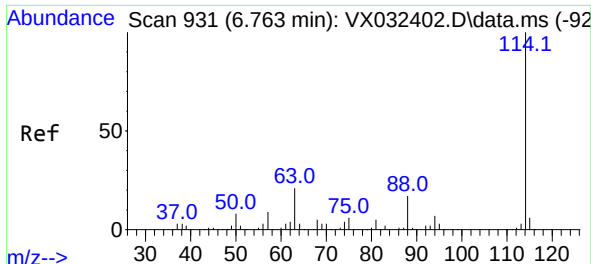
Tgt Ion: 56 Resp: 2206
Ion Ratio Lower Upper
56 100
69 155.6 24.1 36.1#
84 115.4 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 51.739 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032901.D
Acq: 17 Nov 2022 15:39

Tgt Ion: 65 Resp: 77379
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.8

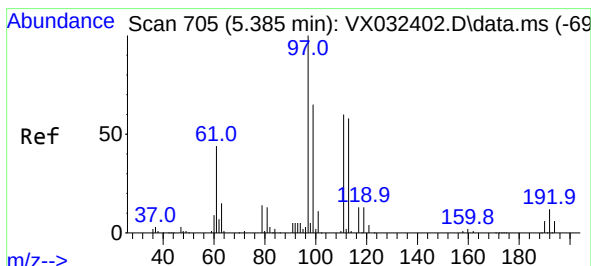
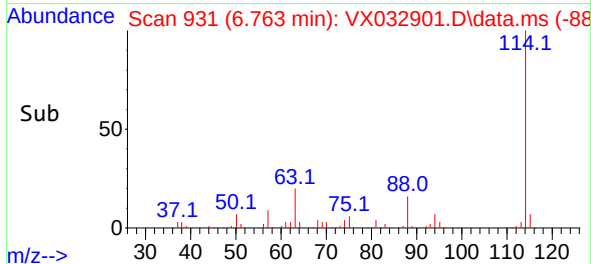
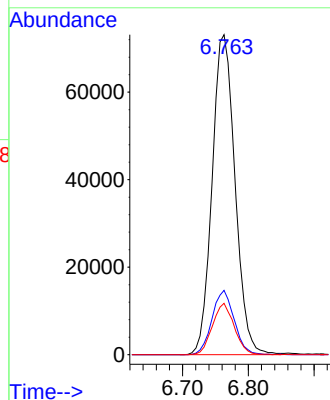
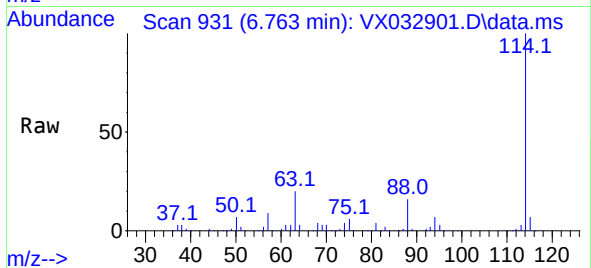




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032901.D
Acq: 17 Nov 2022 15:39

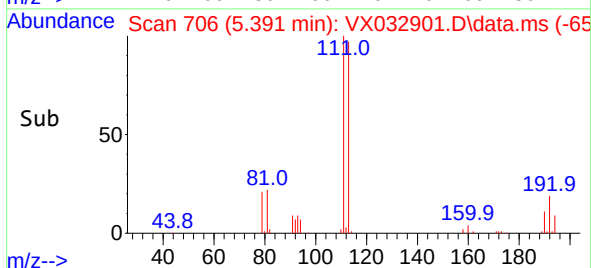
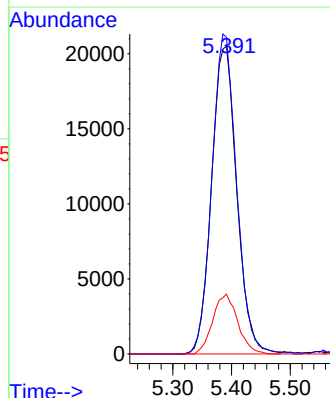
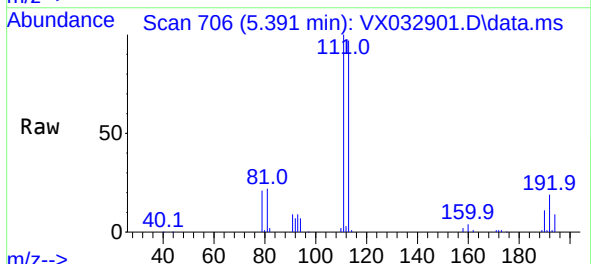
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20221115

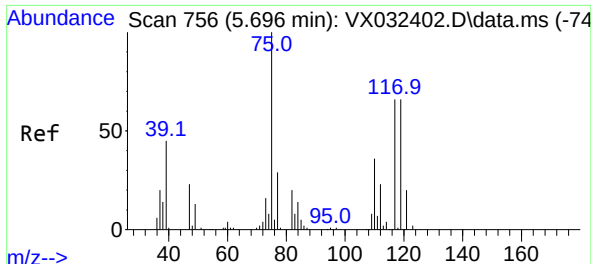
Tgt Ion:114 Resp: 177495
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.6
88 16.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.219 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032901.D
Acq: 17 Nov 2022 15:39

Tgt Ion:113 Resp: 61049
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 19.2 15.4 23.2

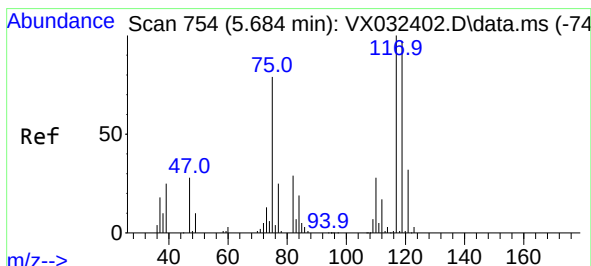
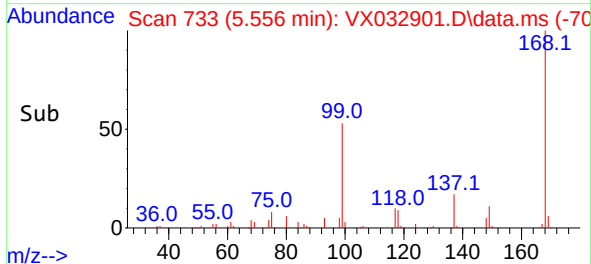
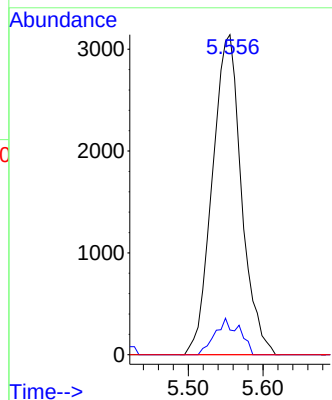
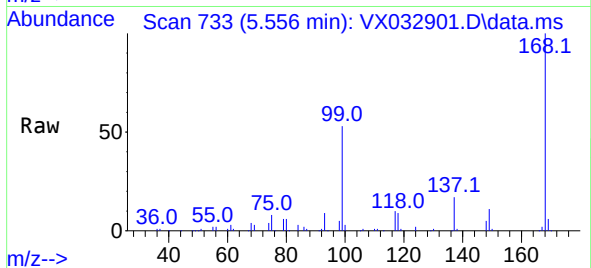




#36
1,1-Dichloropropene
Concen: 4.832 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX032901.D
Acq: 17 Nov 2022 15:39

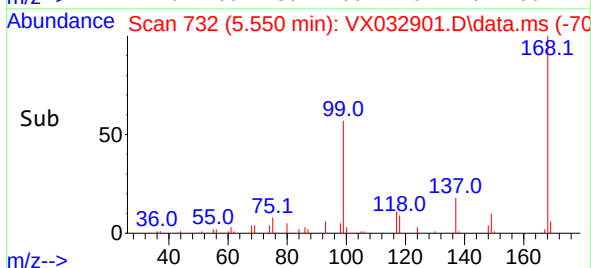
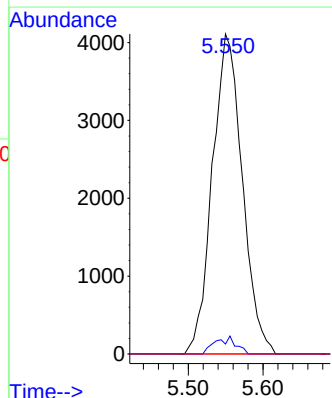
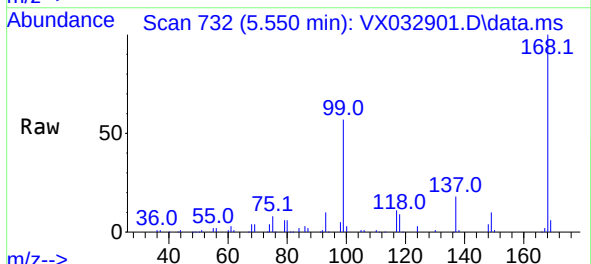
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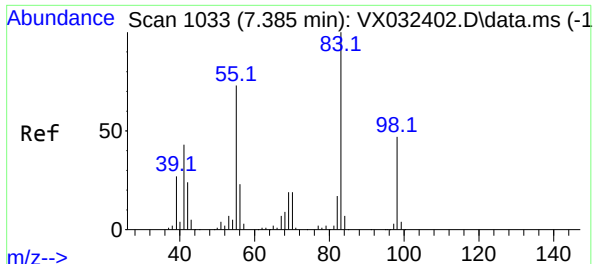
Tgt Ion: 75 Resp: 8520
Ion Ratio Lower Upper
75 100
110 9.5 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.859 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032901.D
Acq: 17 Nov 2022 15:39

Tgt Ion: 117 Resp: 11458
Ion Ratio Lower Upper
117 100
119 3.1 77.2 115.8#
121 0.0 25.8 38.6#





#39

Methylcyclohexane

Concen: 1.112 ug/l

RT: 7.117 min Scan# 91

Delta R.T. -0.268 min

Lab File: VX032901.D

Acq: 17 Nov 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

MW179D-20221115

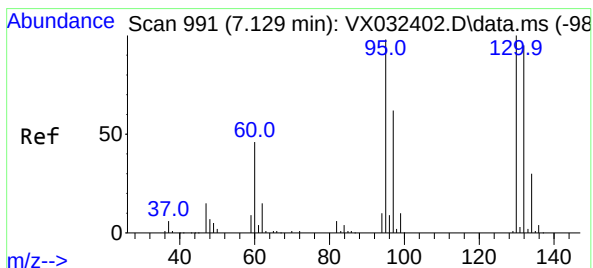
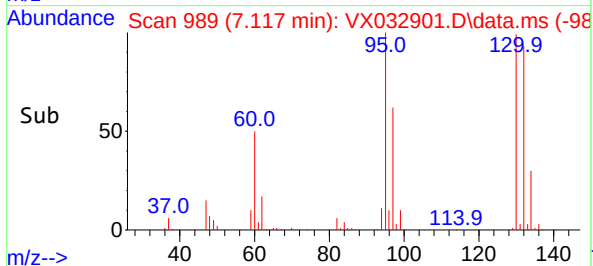
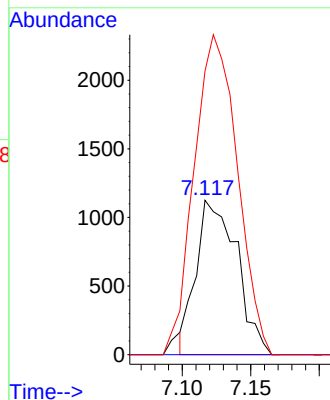
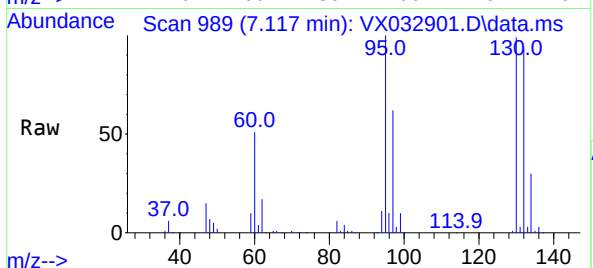
Tgt Ion: 83 Resp: 2319

Ion Ratio Lower Upper

83 100

55 0.0 58.4 87.6#

98 183.7 37.2 55.8#



#44

Trichloroethene

Concen: 144.948 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX032901.D

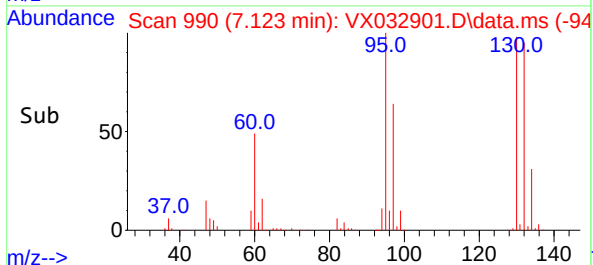
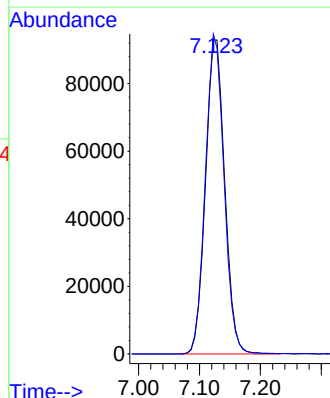
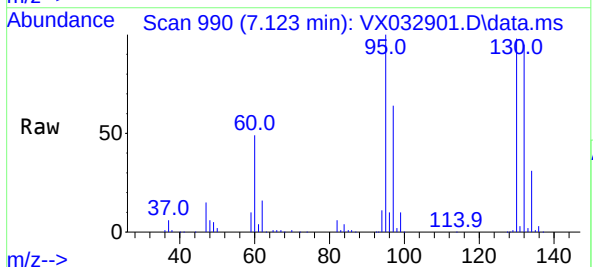
Acq: 17 Nov 2022 15:39

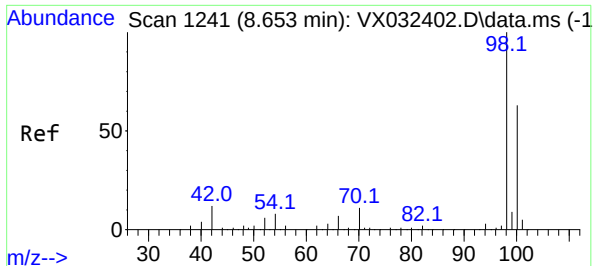
Tgt Ion:130 Resp: 203581

Ion Ratio Lower Upper

130 100

95 101.9 0.0 195.2

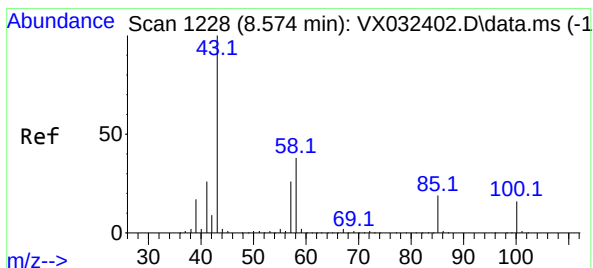
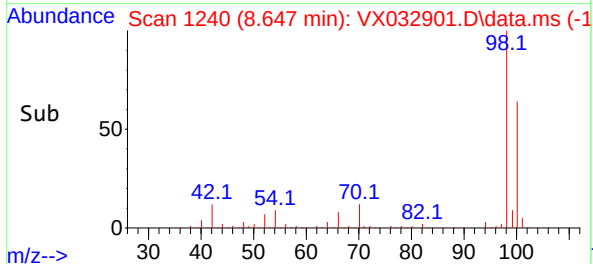
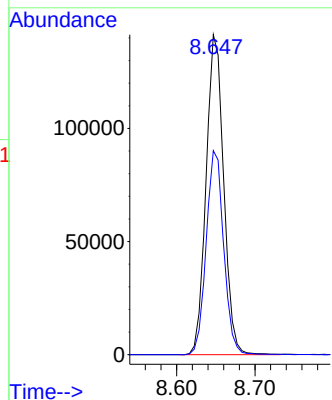
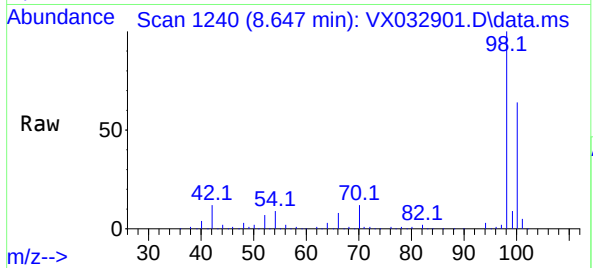




#50
Toluene-d8
Concen: 49.988 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032901.D
Acq: 17 Nov 2022 15:39

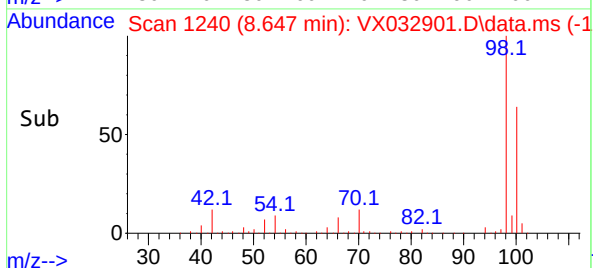
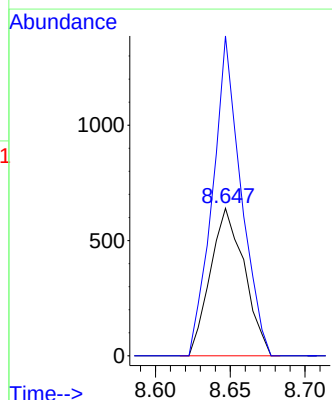
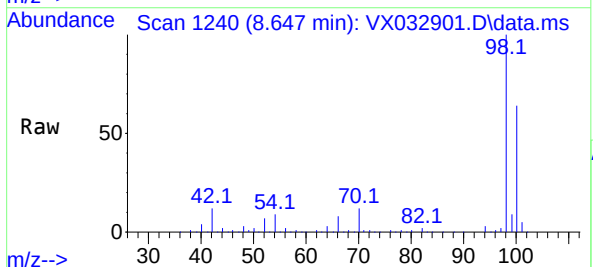
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20221115

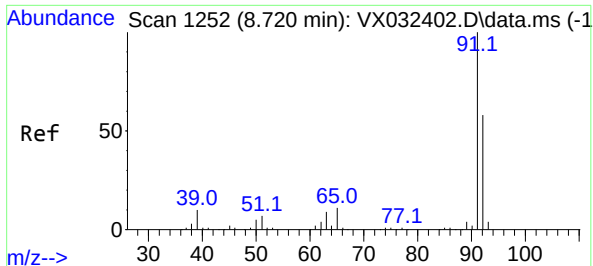
Tgt Ion: 98 Resp: 220071
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.572 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032901.D
Acq: 17 Nov 2022 15:39

Tgt Ion: 43 Resp: 1015
Ion Ratio Lower Upper
43 100
58 180.7 30.9 46.3#

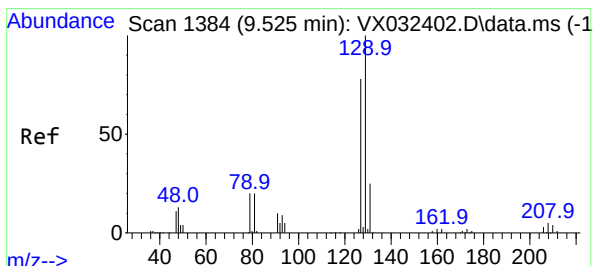
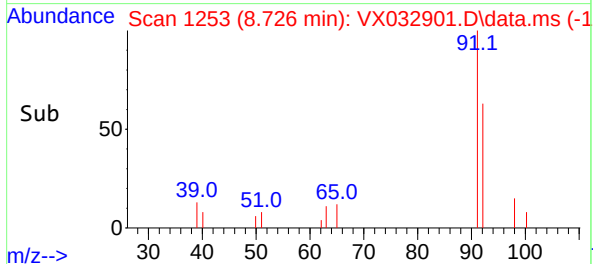
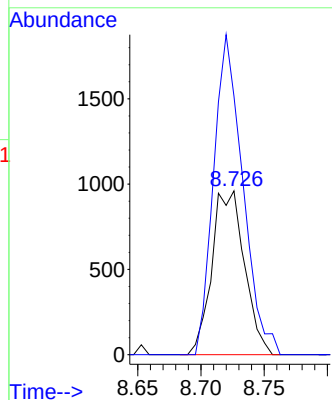
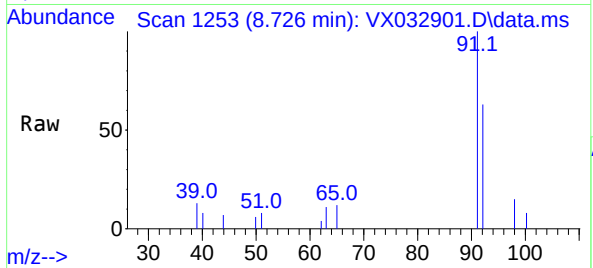




#52
Toluene
Concen: 0.529 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032901.D
Acq: 17 Nov 2022 15:39

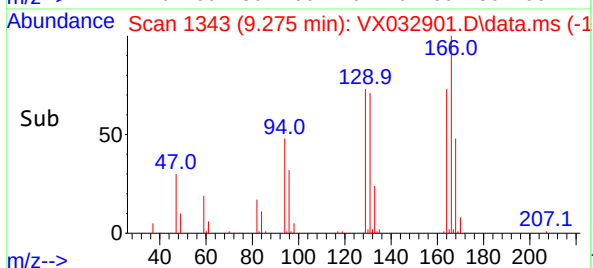
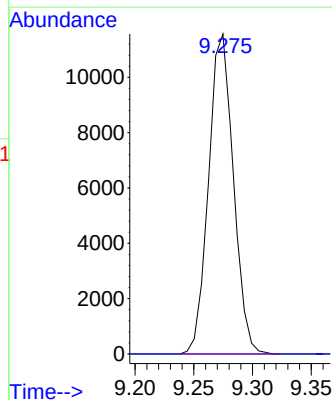
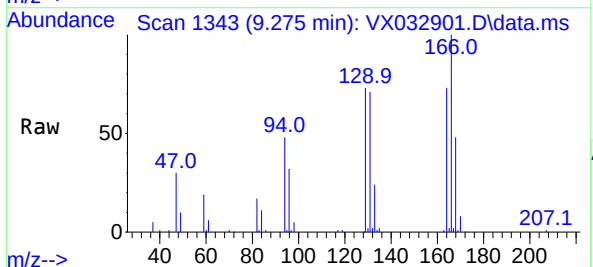
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20221115

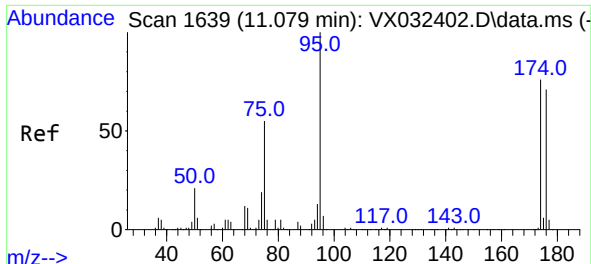
Tgt Ion: 92 Resp: 1722
Ion Ratio Lower Upper
92 100
91 174.3 138.3 207.5



#60
Dibromochloromethane
Concen: 11.357 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX032901.D
Acq: 17 Nov 2022 15:39

Tgt Ion: 129 Resp: 17005
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#

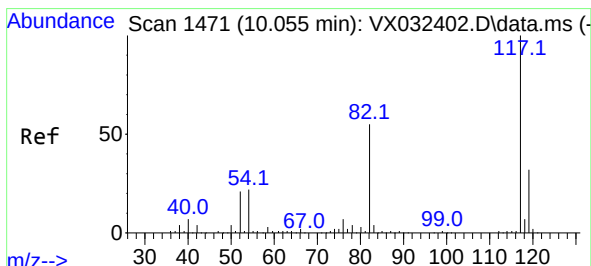
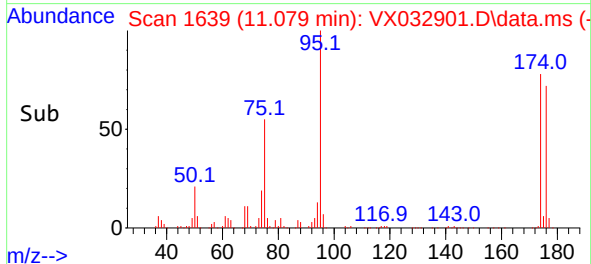
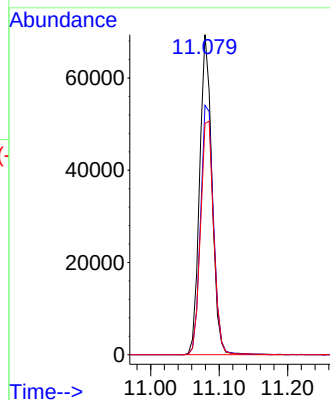
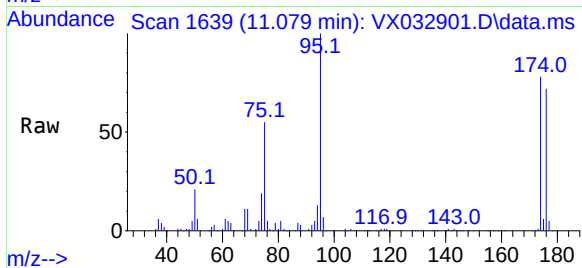




#62
4-Bromofluorobenzene
Concen: 50.498 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032901.D
Acq: 17 Nov 2022 15:39

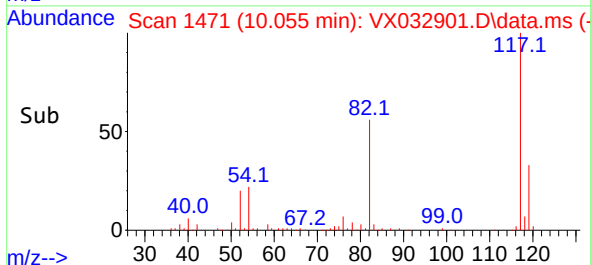
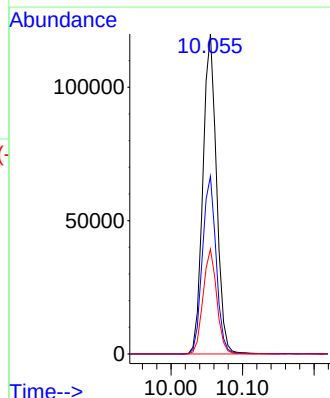
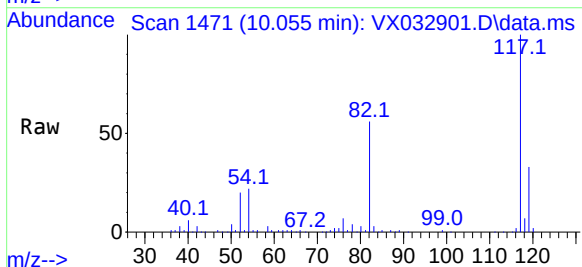
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20221115

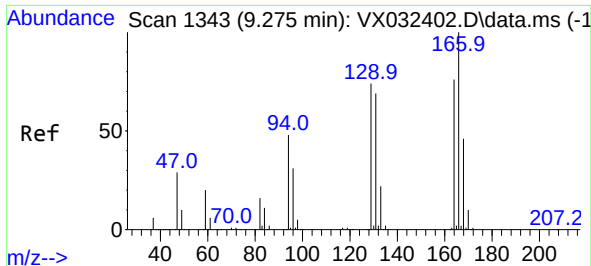
Tgt Ion: 95 Resp: 86842
Ion Ratio Lower Upper
95 100
174 82.3 0.0 164.0
176 78.0 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032901.D
Acq: 17 Nov 2022 15:39

Tgt Ion: 117 Resp: 159122
Ion Ratio Lower Upper
117 100
82 55.5 44.3 66.5
119 32.8 25.7 38.5



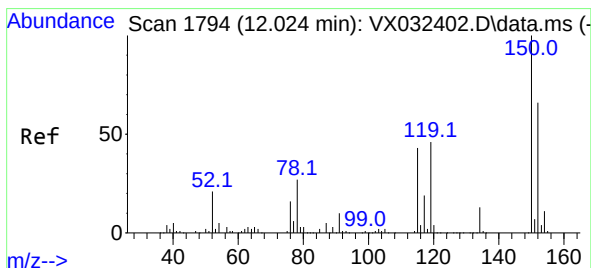
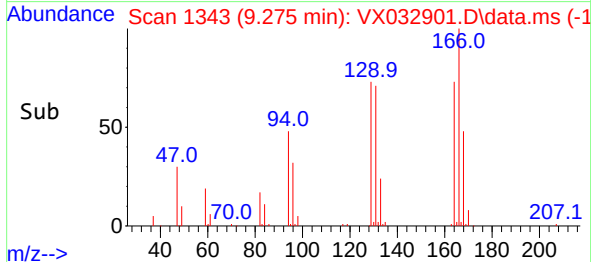
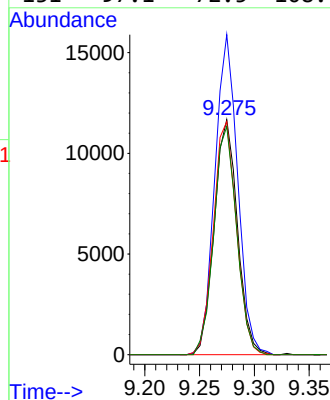
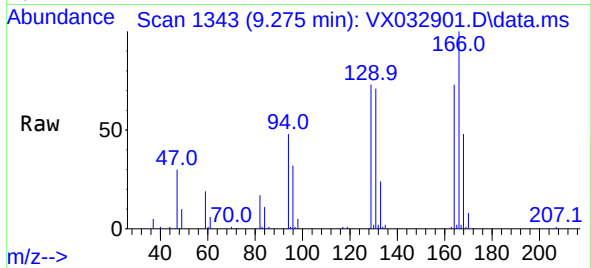


#64
Tetrachloroethene
Concen: 14.745 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032901.D
Acq: 17 Nov 2022 15:39

Instrument :
MSVOA_X
ClientSampleId :
MW179D-20221115

Tgt Ion:164 Resp: 17173

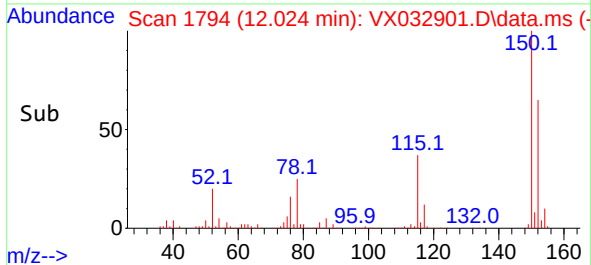
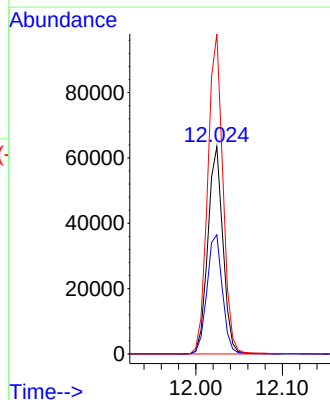
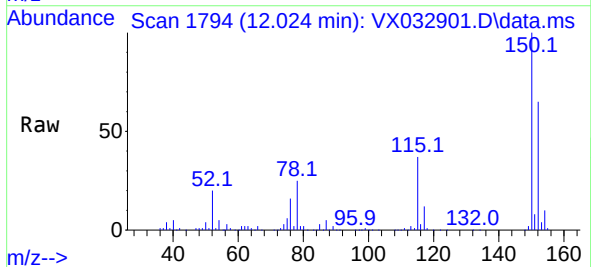
Ion	Ratio	Lower	Upper
164	100		
166	136.2	105.4	158.2
129	99.1	78.2	117.2
131	97.1	72.5	108.7

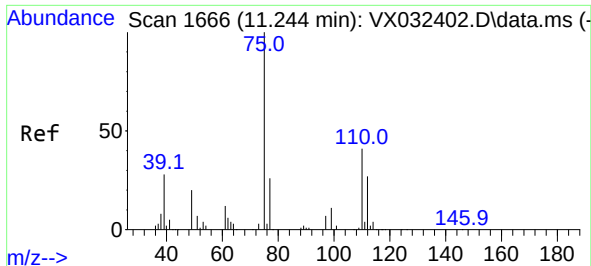


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032901.D
Acq: 17 Nov 2022 15:39

Tgt Ion:152 Resp: 76698

Ion	Ratio	Lower	Upper
152	100		
115	59.2	44.0	132.0
150	155.5	0.0	351.8

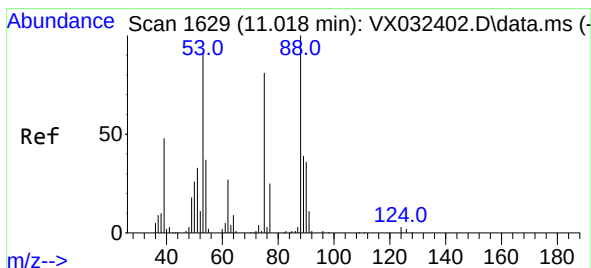
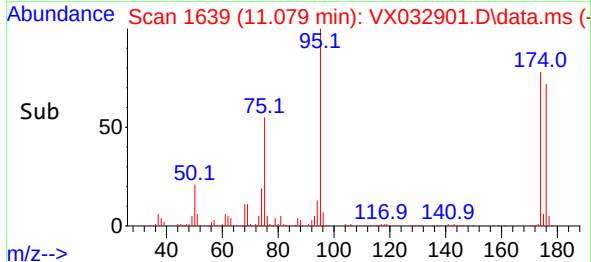
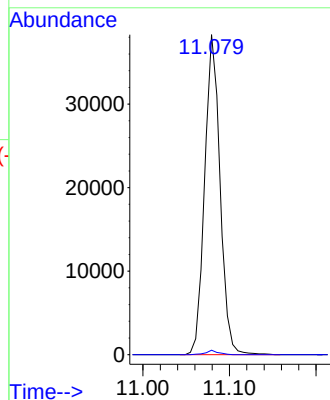
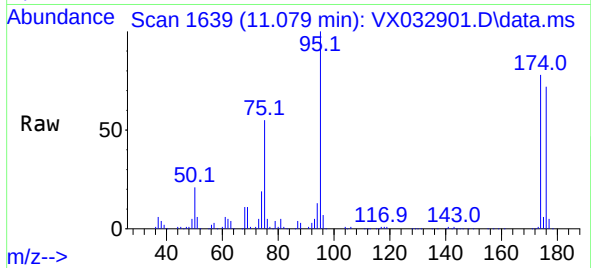




#76
1,2,3-Trichloropropane
Concen: 27.727 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032901.D
Acq: 17 Nov 2022 15:39

Instrument :
MSVOA_X
ClientSampleId :
MW179D-20221115

Tgt Ion: 75 Resp: 47312
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.228 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032901.D
Acq: 17 Nov 2022 15:39

Tgt Ion: 75 Resp: 47312
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

